

[0142] Only water was used as a solvent in Composition U. The dried weight of the U1-U2 changed consistently in accordance with the change in coating thickness indicating that no air bubbles were present. However, these films contained 29% moisture upon exit from the oven, unlike the films of Composition T, which included part solvents and dried completely.

[0143] The amount of solids was increased and the amount of water was decreased in Compositions V1 and V2. The dried weight was greater than U1-U5 due to the increase in solids, however the films still contained 19% moisture upon exit from the oven, similar to Composition U.

[0144] The coating line speed was reduced for Composition V3, to permit premature drying of the exposed top film surface. This film product dried to 6% moisture.

[0145] While increasing the amount of solids beyond the film weight, longer drying times were required. This was due to the surface of the film cooling, preventing easy removal of the water. Therefore, for Compositions W1-W3, the temperature on the first film section of the dryer was decreased. This prevented the premature drying of the top surface of the films. Even at greater film thicknesses, the films were dried to 5% moisture even at faster coating line speeds.

Ingredient	TABLE 8			
	Weight (g)			
	X	Y	Z	AA
Amorphous	104.69			
Coating		52.33		
Powder			104.69	
Trimethylolpropane triacrylate	320	320	320	1.0
Acrylonitrile butadiene	60	60	60	0.4
Acrylonitrile	1.5	1.5	1.5	1.5
Propylene glycol	100	100	100	
Water	1440	1440	1440	999
Coating solvent				0.4
Acrylonitrile butadiene				4
Etanol				40
Coating				55.2
Poly(vinylidene fluoride)				7